# BRUHAT BANGALORE MAHANAGARA PALIKE

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| Name of Work | Package-1 Includes 4 Works of Rs.1100.00 Lakhs Improvements to Roads And Drains at Palannahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward No-05 Byatarayanapura Sub Division Package-01 (Old Annuxure-2) Go Sl No 102,103,104,105. |
| Job Code | 005-20-000075 |
| Work Order Number | BBMP/EE/BPT/WO/03/2021-22 |
| Name of the Agency | Sri. S. Sathish No:218,2nd Cross, Nagasandra, Basavanagudi, Bangalore-560028 |
| Consultants | B.Narayanaswamy M/s Karnataka Material Test House Pvt, Ltd., |

| Sl No | Description of Work | Unit | Shedule -B Qty | Executed Qty | % of Work Completed | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 |
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| 1 | KSRRB300-1 Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications. | Cum | 7442.28 | 4678.52 | 62.86 | | | | | | | |
| 2 | Removing & Refixing Stone slabs of drains and pointing in CM (1:3) Complete as per specification and direction of the engineer in-charge of the work. | Sqm | 6286.41 | 4355.20 | 69.28 | | | | | | | |
| 3 | Removing and resetting of footpath slabs complete as per specification and direction of the engineer in-charge of the work | Sqm | 45.00 | 44.10 | 98.00 | | | | | | | |
| 4 | Providing Granite Slabs of selected quality Roughly dressed and fixed in cement mortor (1:6) including fixing curing etc , complete 7 5 cms thick complete as per specification and direction of the engineer in-charge of the work | Sqm | 698.48 | 484.11 | 69.31 | | | | | | | |
| 5 | Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour,HOM completed as per specifications | Cum | 15.12 | 5.42 | 35.85 | | | | | | | |
| 6 | Providing and Constructing granite /trap/basalt size stone masonry in foundation with cement mortor and stone hammered dressed in courses not less than 20Cms high bond stones at 2m apart in each course including cost of materials. Labours HOM, curing complete as per specification and direction of the engineer in-Charge of the work. | Cum | 29.16 | 7.29 | 25.00 | | | | | | | |
| 7 | Providing and laying in position plain cement concrete of mix 1:2 4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0 69Cum and fine aggregates @ 0 459 Cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping including cost of all materials labour HOM Curing complete as per specifications and direction of the engineer in-charge of the work | Cum | 6.48 | 0.00 | 0.00 | | | | | | | |

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| 8 | Providing and laying in position plain/ Reinforced cement concrete M20 for sub structure/superstructure works, with cement @ 320kgs 20mm & down size graded granite metal course aggregates @ 0.69 Cum and fine aggregates @ 0.46cum Machine mix complete as per specification and direction in charge of the work | Cum | 40.32 | 22.34 | 55.41 | |
| 9 | KSRRB M2200-6 Providing TMT Bars Fe 500 steel reinforcement for RCC work including Straightening, cutting, bending, hooking, placing in position, lapping and/or welding whereever required, tying with binding wire and anchoring to the adjoining members whereever necessary completed as per design ans specification | Tonnes | 3.22 | 2.04 | 63.35 | |
| 10 | Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge | Sqm | 239.40 | 108.48 | 45.31 | |
| 11 | KSRRB M300-14 Excavation for roadwork in all types of soil by machinical means including cutting and loading to tippers, trumming bottomand sides slopes in accordance with requirments of lines grades and cross sections and transportations within alead of 1.00km and complete as per specifications MORTH Specification no 301 and 4kms lead for disposal | Cum | 19609.50 | 19102.00 | 97.41 | |
| 12 | KSRRB M400-17 Providing, Laying, Spreading and Compacting cushed stone aggregates of granite/ trap/basalt to wetmix macadam specifications including pre mixing the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base /base coarse on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification. | Cum | 16341.30 | 16194.86 | 99.10 | |
| 13 | Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. clause 502 of MORTH V revision. | Sqm | 65365.00 | 32357.78 | 49.50 | |
| 14 | Cleaning the existing black topped surface with Sqm brooms soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour. HOM complete as per specifications.clause 502 of MORTH V revision. | Sqm | 49632.00 | 0.00 | 0.00 | |
| 15 | Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per Sqm on the existing prepared bituminous surface cleaned with mechanical broom, complete as per specifications. clause 503 of MORTH V revision. | Sqm | 150845.00 | 32357.78 | 21.45 | |
| 16 | Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction as per MORTH table 500-10 Complete in all respects compete as per specifications MORTH specification No. 507. using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen. | Cum | 1794.25 | 1616.54 | 90.10 | |

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| 17 | providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 bitumen(60/70 grade) and 0.43% of plastomeric thermoplastics ( waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and fillet, transporting the hot mix to work site laying with a paver finisher to required grade level and allignment rooling with smooth wheeled vibratory and tandem rollers to achive the desired compaction in all respects complete as per specifications | Cum | 4598.38 | 1294.31 | 28.15 | |
| 18 | Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous surface / concrete surface : providing and laying of hot applied thermo plastic compound 2.5mm thick including reflectorising glass beads at 250gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35 standards specified.complete as per specifications. | Sqm | 4661.50 | 1338.33 | 28.71 | |
| | = Planned %<br>= Executed % | | | | | |

Contractor

Assistant Engineer

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Consultants

Assistant Executive Engineer

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